

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050355

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A23K1/14 A23K1/18

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, FSTA, BIOSIS, COMPENDEX, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>"Project applications for the research programme FOJO II (2000-2005) : Product quality of organic beef and pork in relation to grazing system and feeding with bio-active crops (PROSQUAL)" "Online! 2000, - 2000 XP002291897 Retrieved from the Internet: URL: <a href="http://www.okoforsk.dk/projekt/ii12/ans.pdf">http://www.okoforsk.dk/projekt/ii12/ans.pdf</a> &gt; 'retrieved on 2004-08-10! page 16, paragraph 2</p> <p style="text-align: center;">----- -/--</p>	1-88

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

10 August 2004

Date of mailing of the international search report

25/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>RIDEOUT T C ET AL: "Fecal excretion of major odor-causing and acidifying compounds in response to dietary supplementation of chicory inulin extract in pigs"</p> <p>JOURNAL OF DAIRY SCIENCE, AMERICAN DAIRY SCIENCE ASSOCIATION. CHAMPAIGN, ILLINOIS, US,</p> <p>vol. 85, no. Supplement 1, 2002, pages 14-15, XP002263875</p> <p>ISSN: 0022-0302</p> <p>abstract</p>	<p>1-29, 42-52, 60,61, 63,64, 66,69, 76-83</p>
P,X	<p>HOSKIN S O ET AL: "EFFECT OF WITHHOLDING ANTHELMINTIC TREATMENT ON AUTUMN GROWTH AND INTERNAL PARASITISM OF WEANER DEER GRAZING PERENNIAL RYEGRASS-BASED PASTURE OR CHICORY"</p> <p>PROCEEDINGS OF THE NEW ZEALAND SOCIETY OF ANIMAL PRODUCTION, WELLINGTON, NZ,</p> <p>vol. 63, 2003, pages 269-273, XP008025489</p> <p>ISSN: 0370-2731</p> <p>the whole document</p>	<p>53-59, 69, 76-81, 87,88</p>
X	<p>CHOI S H ET AL: "EFFECTS OF CHICORY FEEDING ON THE GROWTH AND CARCASS QUALITY OF KOREAN NATIVE GOATS"</p> <p>HANGUK CHUKSAN HAKHOE CHI - KOREAN JOURNAL OF ANIMAL SCIENCE, KOREAN SOCIETY OF ANIMAL SCIENCE, SUWON, KO,</p> <p>vol. 40, no. 3, 1998, pages 255-260, XP008025504</p> <p>ISSN: 0367-5807</p> <p>abstract</p>	<p>35-41, 69-84</p>
X	<p>HOPKINS D L ET AL: "CARCASS AND MEAT QUALITY OF SECOND-CROSS CRYPTORCHID LAMBS GRAZED ON CHICORY (CICHORIUM INTYBUS) OR LUCERNE (MEDICAGO SATIVA)"</p> <p>AUSTRALIAN JOURNAL OF EXPERIMENTAL AGRICULTURE, CSIRO, COLLINGWOOD, AU,</p> <p>vol. 35, no. 6, 1995, pages 693-697, XP008025511</p> <p>ISSN: 0816-1089</p> <p>page 693, column 2, paragraph 3</p> <p>page 695, column 1, paragraph 2; table 3</p> <p>page 696, column 1, paragraph 1</p>	<p>35-41, 69-84</p>
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International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KNARREBORG A ET AL: "Effect of non-starch polysaccharides on production of indolic compounds in entire male pigs" ANIMAL SCIENCE, DURRANT, GB, vol. 74, no. 3, 2002, pages 445-453, XP008025386 ISSN: 1357-7298 pages 445-446	1-88
X	----- DATABASE MEDLINE 'Online! US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 21 September 2002 (2002-09-21), SCHREURS N M ET AL: "Effects of grazing undrenched weaner deer on chicory or perennial ryegrass/white clover pasture on the viability of gastrointestinal nematodes and lungworms." XP002291898 Database accession no. NLM12371691 abstract & THE VETERINARY RECORD. 21 SEP 2002, vol. 151, no. 12, 21 September 2002 (2002-09-21), pages 348-353, ISSN: 0042-4900	53-59, 69, 76-81, 87,88
A	----- EP 1 180 367 A (MEIJI SEIKA KAISHA) 20 February 2002 (2002-02-20) the whole document	1-84
A	----- WO 99/22604 A (MARS UK LTD ; FONE JANEL (GB)) 14 May 1999 (1999-05-14) the whole document	1-88
A	----- DE 42 23 051 A (CLAUS ROLF PAUL PROF DR) 20 January 1994 (1994-01-20) the whole document -----	1-88

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International application No.  
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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 1-59, 67 and 68 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1180367	A	20-02-2002	CA	2370590 A1		02-11-2000
			EP	1180367 A1		20-02-2002
			WO	0064453 A1		02-11-2000
WO 9922604	A	14-05-1999	AT	268997 T		15-07-2004
			AU	749756 B2		04-07-2002
			AU	9753298 A		24-05-1999
			CA	2308612 A1		14-05-1999
			DE	69824618 D1		22-07-2004
			EP	1026958 A1		16-08-2000
			WO	9922604 A1		14-05-1999
			JP	2001521725 T		13-11-2001
			NZ	504259 A		20-12-2002
DE 4223051	A	20-01-1994	DE	4223051 A1		20-01-1994